

Fall 2021 CEE 1 Alumni Panel

Kristine Gali, P.E.
Technical Program Manager
Xylem, Inc.
UCLA Class of 2010

Introduction

UCLA Class of 2010

Technical Program Manager at Xylem, Inc

Xylem is a leading water technology company committed to "solving water" by creating innovative and smart technology solutions to meet the world's water, wastewater and energy needs.

My Day-to-day:

Project management, Customer Success,
Product development, Data analysis, Sales,
Mentorship, Volunteerism



UCLA
2006-2010

UCLA
2006-2010

UC Berkeley
2011-2012

UC Berkeley
2011-2012

San Francisco
2015

San Francisco
2015

P.E.

Dokken
Engineering
2007-2008

Dokken
Engineering
2007-2008

EDI
Consultants
2010

EDI
Consultants
2010

UCLA Water
Resources &
Hydrology
2010-2011

UCLA Water
Resources &
Hydrology
2010-2011

Parsons, 2011

Parsons, 2011

NextDrop, India 2012

NextDrop, India 2012

EBMUD
2013-2016EBMUD
2013-2016

Lucid
2016-2018

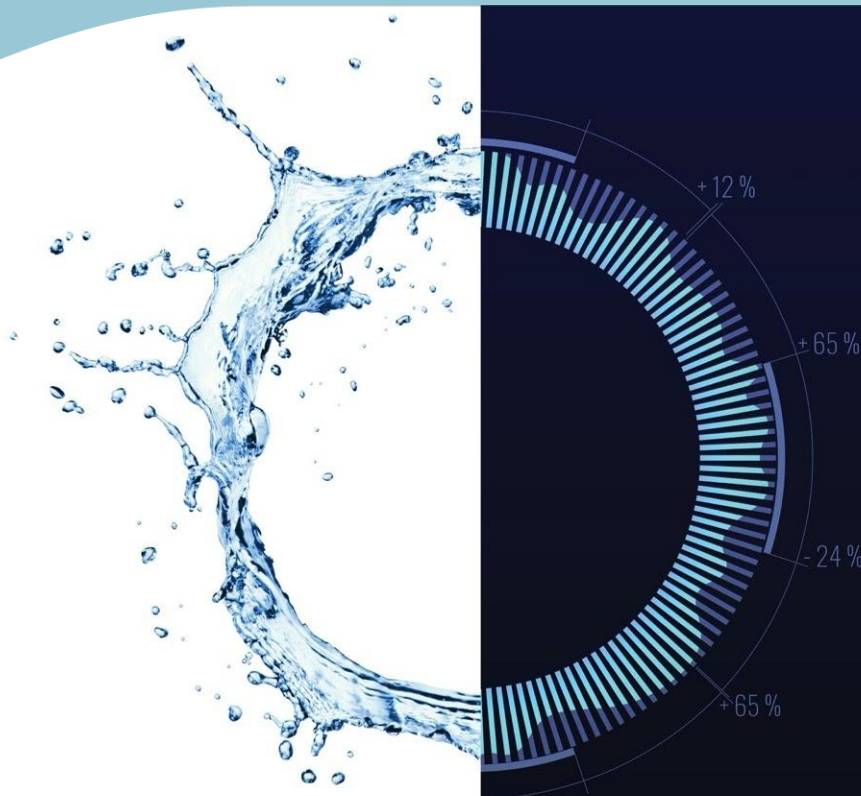
Lucid
2016-2018

Xylem, Inc
2018-present

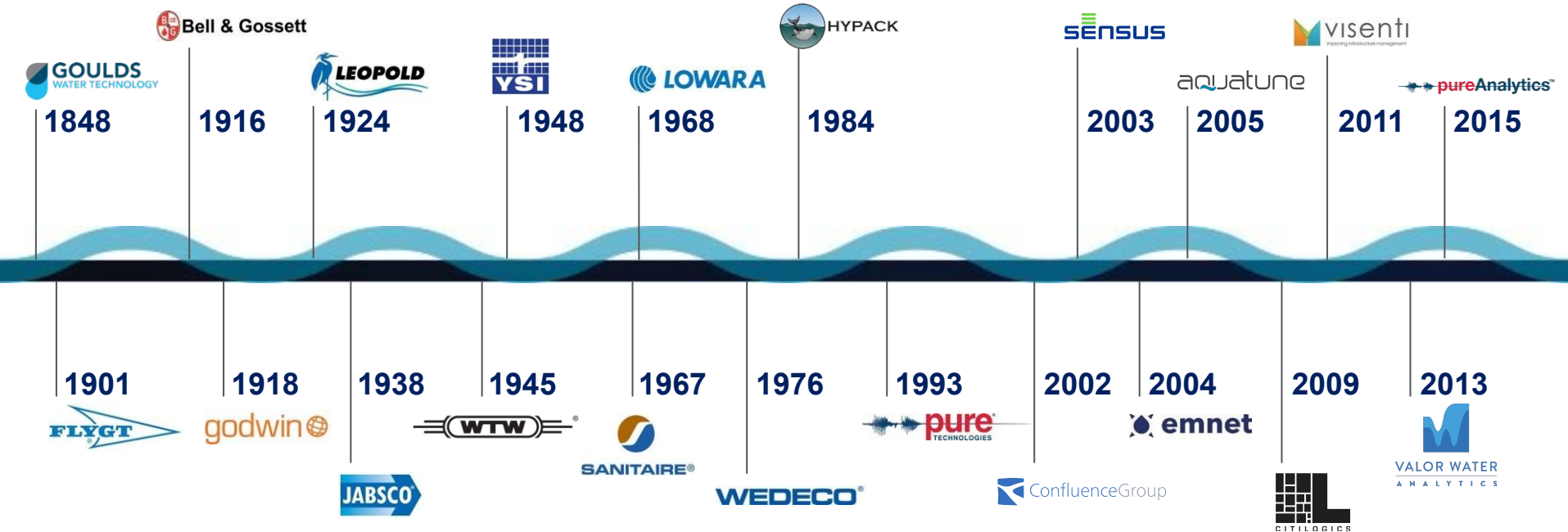
Xylem, Inc
2018-present

Decision Intelligence Solutions

Xylem at a Glance



A Strong Brand Legacy



Dates are years brands were established

From intake to effluent, we can help

Xylem delivers holistic
impact to the entire
water cycle.

WATER TREATMENT PLANTS

Make better decisions in real-time
and reduce risks of unplanned
incidents

WATER DISTRIBUTION SYSTEMS

Manage real losses and gain real-time
operational awareness

METERING AND REVENUE

Ensure financial resiliency to
keep revenue flowing

COLLECTION SYSTEMS

Detect blocks and forecast flows,
prioritize capital improvement plan to
ensure reliability and best value for
investments

WASTEWATER TREATMENT PLANTS

Reduce costs by maximizing energy
and chemical consumption while
increasing margins of compliance

WASTEWATER ASSETS

Coordinated control of pump stations, lift
stations, tanks, tunnels, high-rate treatment;
manage water capacity in real-time leading to
optimized capex spend

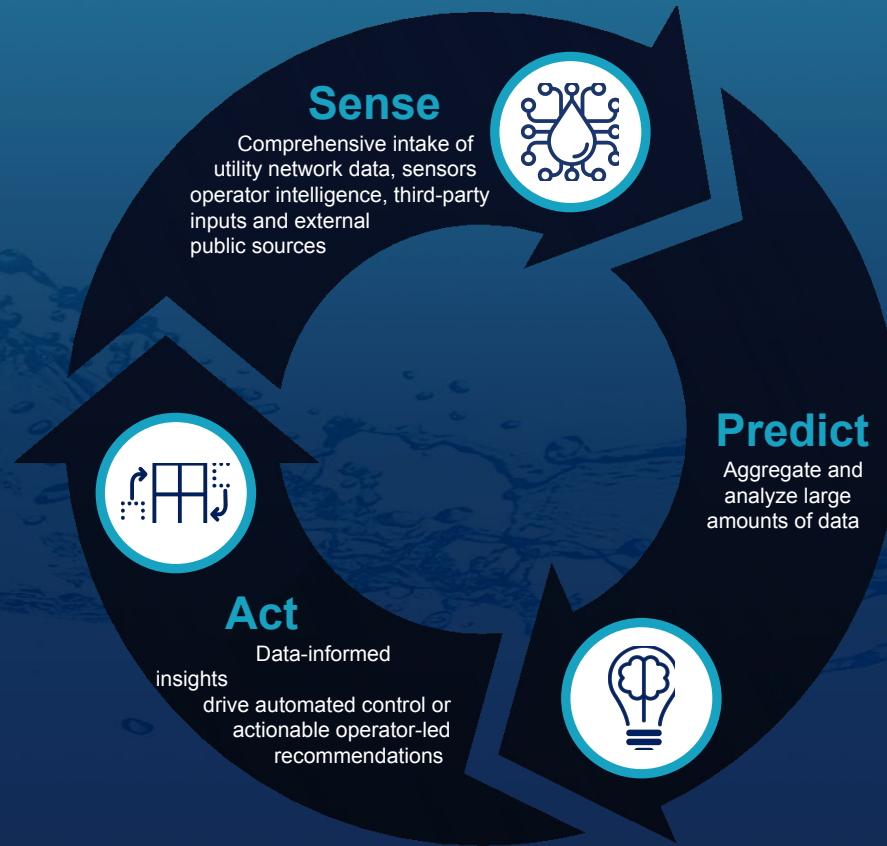


DECISION INTELLIGENCE

Getting to transformative change is hard when utilities are faced with tough everyday choices. Xylem delivers the digital insight needed to make better, data-informed decisions throughout wastewater and water networks today — so utilities can begin to realize new ways to solve water for tomorrow.



Continuous system improvement drives transformational outcomes



Undergrad Student

UCLA
2006-2010

Grad Student

UC Berkeley
2011-2012

Product School

San Francisco
2015

**Transportation
Eng Intern**
Dokken
Engineering
2007-2008

**Associate
Project
Manager**
EDI
Consultants
2010

**Undergrad
Researcher**
UCLA Water
Resources &
Hydrology
2010-2011

**Associate Design
Engineer**
Parsons, 2011

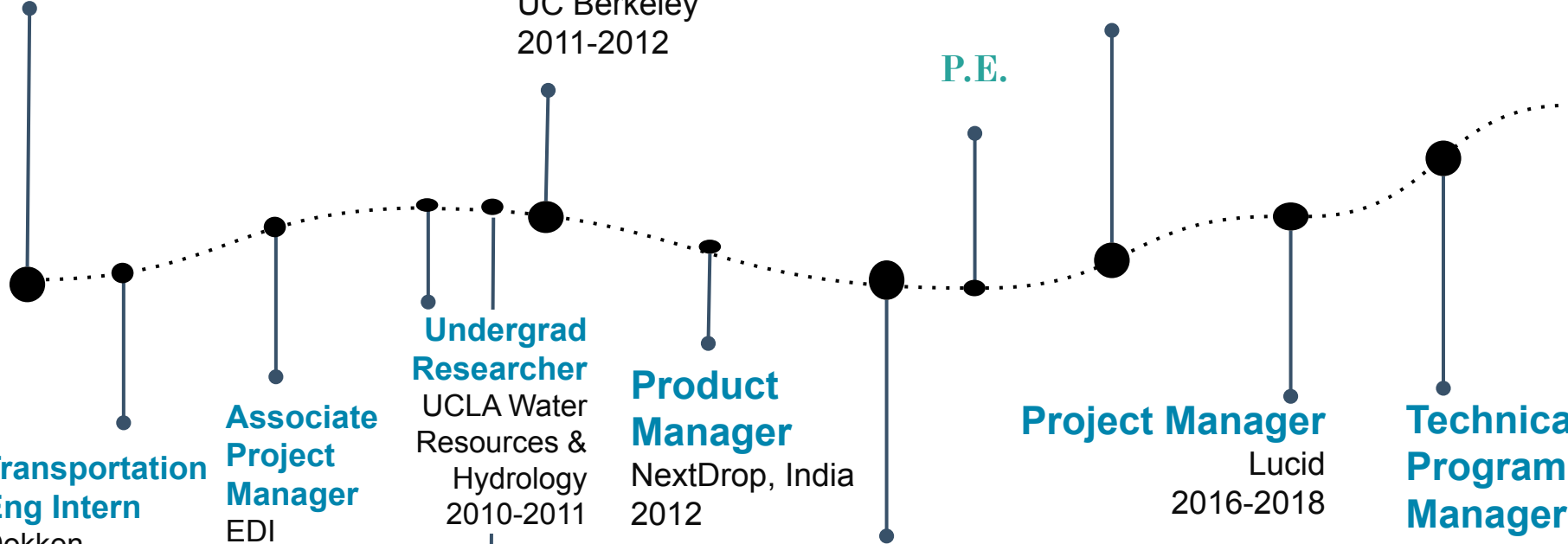
**Product
Manager**
NextDrop, India
2012

Assistant Engineer
EBMUD
2013-2016

P.E.

Project Manager
Lucid
2016-2018

**Technical
Program
Manager**
Xylem, Inc
2018-present



Undergrad

UCLA

B.S. Civil Engineering

Focus:

- Structural
- Water resources

Extracurricular:

- ASCE: Former ASCE VP, Canoe Paddler, Industry Liaison, Secretary
- Chi Epsilon Treasurer
- Bruin Partners: Mentor
- Engineers Without Borders



Graduate School

UC Berkeley

M.S. in Environmental Engineering

1-year program

- Water focus
- CE 209 Design for Sustainable Communities

Water Research in India

- Working/studying intermittent water supply



Project Manager

Lucid

Building energy management
and analytics software

- SaaS
- Data

Client facing operations

- Technical expertise
- Customer success
- Startup

Innovation

lucid



Technical Program Manager

Xylem, Inc

Who are we?: technical experts, PhD's, data scientists, entrepreneurs, field personnel, and engineers.

My Day-to-day:

- Customer success
- Product development
- Project management
- Data analysis
- Sales
- Mentorship
- Watermark



Hidden Revenue Locator

Meters for Investigation

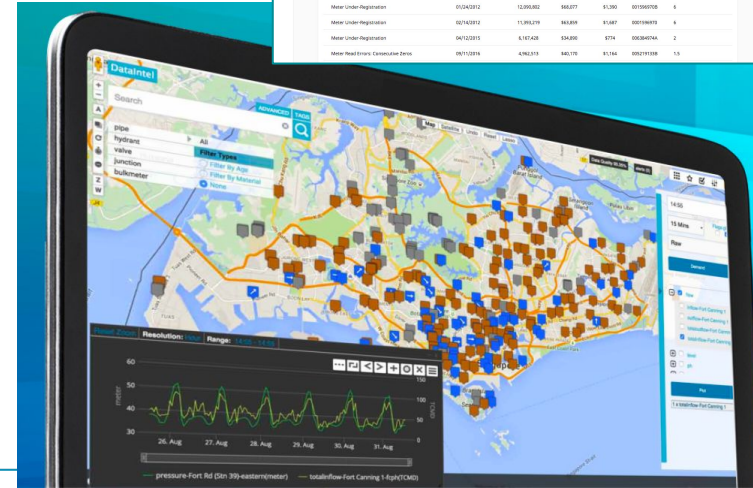
REVENUE LOSS TO DATE: \$0,300,881

NO. Meters LOSES TO DATE: 200,457,085 GALS

ISSUES: 200

SHOW & HIDE COLUMNS

Meter Type	New Date	Original Cost To Date (USD)	Present Cost To Date (USD)	Meter ID	New Date
Meter Read Error: Consumption Error	1/1/12315	200,417,000	\$1,140,711	\$26,138	007994814
Meter Under Registration	02/02/212	35,135,340	\$306,786	\$4,668	00159575C
Meter Under Registration	01/24/212	20,870,900	\$152,889	\$2,478	009999991
Meter Under Registration	01/24/212	12,080,880	\$88,077	\$1,390	00159570B
Meter Under Registration	02/14/212	11,080,276	\$83,898	\$1,687	000188493
Meter Under Registration	04/12/215	8,167,428	\$54,890	\$774	00034574A
Meter Read Error: Consumption Error	08/1/2018	4,962,070	\$40,170	\$1,144	000171938



Key Takeaways

- There is no “right” career path
- Stay curious
- Continuous learning
- Build out and leverage your network

Thank you!

For internship and new grad opportunities:
<https://www.xylem.com/en-us/careers/students-graduates/>

Contact

ksgali88@gmail.com

www.linkedin.com/in/ksgali/

